| Inde | ex of | Claim | S |
|------|-------|-------|---|
| | | | |

| Application No. | Applicant(s) | _ |
|-----------------|--------------|---|
| 10/648,871 | KOTIK ET AL. | • |
| Examiner | Art Unit | |
| Harry S. Hong | 2642 | |

| 1 | Rejected |
|---|----------|
| = | Allowed |

| [- | _ | (Through numeral) Cancelled |
|----|---|--------------------------------|
| - | | Restricted |

| | N | Non-Elected |
|---|---|--------------|
| - | ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | _ | | | • | | | | |
|------------------------|--|--|--------------|--|----------|--------------|--|--------------|----------|--|---|
| Cla | im | Date | | | | | | | | | |
| Final | Original | 40-92-6 | | | | | | | | | |
| | | | _ | | | \vdash | | | | П | |
| | 1 | | | | | | | Г | | П | |
| | _3 | | | | | | | | | | |
| | 4 | | | | | | | | | | |
| | _5_ | | | | | | | | | | |
| | g | _ | _ | <u> </u> | _ | <u> </u> | <u> </u> | _ | _ | Щ. | |
| | 4 5 6 7 8 9 | ⊢ | - | | - | - | | - | - | Н | |
| | - 왕- | ┞ | - | | - | | ├ | ├ | ├ | H | ĺ |
| \vdash | 16 | - | - | - | ├- | - | ⊢ | \vdash | ⊢ | ┢┈ | |
| | 1 | | | \vdash | \vdash | | | - | _ | | |
| | | Γ | | | | | | | | | |
| | 13 | | | | | | | | | | |
| | | Ľ | Ĺ | L | | | | | | | |
| | 14 15 16 | L | ļ | <u> </u> | ļ., | <u> </u> | _ | <u> </u> | _ | <u> </u> | |
| | 16 | ┞- | L | ⊢ | ⊢ | _ | | <u> </u> | _ | | |
| <u> </u> | 17 | ┡ | | H | ⊢ | | ⊢ | ⊢ | | | |
| \vdash | 16 | ├ | | - | ├─ | ⊢ | \vdash | - | - | - | |
| | 20 | ╁ | ⊢ | ├ | ⊢ | | \vdash | - | ┢ | \vdash | |
| <u> </u> | 2 | - | - | ╁─ | ╁╌ | \vdash | - | | ╁╌ | | l |
| | 22 | \vdash | Г | Г | \vdash | | _ | \vdash | \vdash | | |
| | 23 | | | | | | | | | | l |
| | 2 | 匚 | L | <u>L</u> | <u> </u> | 匚 | <u></u> | _ | _ | | l |
| | 25 | - | | ├_ | ₩ | <u> </u> | <u> </u> | | <u> </u> | _ | l |
| - | 49 | ├ | ├ | | ├- | | - | - | ⊢ | H | |
| | 28 | ┢╌ | ┢╾ | ┢ | ╌ | ┢ | \vdash | - | - | | |
| | 25 | ╁╌ | ┪ | - | ╁ | _ | \vdash | | - | | |
| | 30 | · | Н | \vdash | H | | | 1 | | | |
| | 18 19 20 21 22 23 24 25 26 47 28 39 33 33 35 36 37 38 39 | | | | | | | | | | |
| | 32 | | | | 匚 | 匚 | | | | | |
| | 38 | <u> </u> | _ | <u> </u> | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | |
| | 34 | <u> </u> | Ŀ | - | \vdash | ⊢ | | _ | ⊢ | \vdash | |
| | 38 | \vdash | | - | - | - | ⊢ | \vdash | \vdash | \vdash | |
| | 37 | | - | - | ╁ | \vdash | \vdash | - | - | - | |
| | 38 | Т | Г | Т | Т | Г | | \vdash | \vdash | П | |
| | 39 | | | | | | | | | | |
| | 38 39 40 41 | | | | | | | | | | |
| | 4) | _ | L | _ | <u> </u> | <u> </u> | _ | _ | L. | Щ | |
| | 43 44 45 46 47 48 49 50 | L | <u> </u> | <u> </u> | ļ., | | _ | - 1. | \vdash | \vdash | |
| $\vdash \vdash \vdash$ | 413 | - | ├ | - | - | _ | ⊢ | \vdash | \vdash | Н | |
| \vdash | 45 | Η- | - | \vdash | \vdash | \vdash | - | \vdash | \vdash | - | |
| | 46 | ┢ | - | | - | | - | \vdash | \vdash | \vdash | |
| | 47 | ┪ | | \vdash | Н | - | <u> </u> | - | - | Н | |
| | 48 | Г | | - | | | | | Т | М | |
| | 49 | | | | | | | | | | |
| | 50 | | | | | | | | | | |

| Cla | aim | Г | | | | Date | | | | |
|---|--|---------------|-------------------|--|--------------|--|--------------|--|---------------|--|
| | T | V | 5-12-05 | | \Box | ٣ | Г | 1 | | П |
| = | Original | Ġ, | 0, | I | | l | l | ſ | 1 | l |
| Final | .E | نحا | | ļ | | l | | | | l |
| iI | Ę | 3 | 2 | | | l | ١. | | | |
| | 0 | 0 | شا | | | ı | | | | |
| | 58 | - | - | Н | \vdash | \vdash | ┢ | | | _ |
| | - Zh | - | - | ⊢ | - | ├ | - | ├- | | |
| | 1 3K | _ | ┞ | <u> </u> | <u> </u> | | L | ├ | _ | <u> </u> |
| | 53 | L | <u> </u> | | L | <u>L</u> | L | _ | | _ |
| 1 | 51 52 53 54 55 56 57 58 59 | | |) | 1 | 1 | | | | |
| | 55 | V | | | | 1 | | Г | | |
| _ | -50 | Ť | \vdash | \vdash | ┢ | \vdash | 1 | \vdash | _ | ┪ |
| | 55 | | - | - | - | ├- | ╌ | ╌ | - | ⊢ |
| | 3/ | ¥ | ļ | _ | | ┞- | - | ├ | ⊢ | ┡ |
| | 58 | Ш | <u> </u> | | | <u> </u> | _ | L_ | | _ |
| | 59 | | | | 1 | 1 | 1 | ١ | | |
| | 60 61 | П | | | Г | 1 | Τ | | | |
| | 61 | 11 | _ | ┢ | \vdash | † · | \vdash | _ | - | T |
| \vdash | 62 | H | ┢ | ├- | | - | 1 | - | - | ┢ |
| — | 102 | H | | ├ | - | - | ├- | - | \vdash | - |
| L | 63 | Ш | _ | L. | _ | _ | | \vdash | | _ |
| L | 62 63 64 65 | V | L | L | L | L | L | L | L | L |
| | 65 | T- | Π | F | | | Г | | | |
| - | 66 | | 1 | | \vdash | t | \vdash | <u> </u> | \vdash | т |
| \vdash | 100 | \vdash | \vdash | 1- | \vdash | \vdash | ⊢ | ₩ | \vdash | |
| <u> </u> | 6/ | _ | | L | _ | 1 | <u> </u> | ļ | <u> </u> | |
| | 67 68 | _ | | | <u> </u> | | | | | |
| | 69 | | | Γ | | | Π | | | |
| | 70 | 一 | | Г | \vdash | T | T | \vdash | $\overline{}$ | 1- |
| \vdash | 69 70 71 72 73 74 75 76 77 78 79 | ┢ | | - | ┼─ | ┼─ | - | ┼─ | - | ├ |
| | 71 | ļ | ├ | ├- | ├ | ├ | ├ | | | - |
| | 12 | _ | L. | ļ | _ | ! | <u> </u> | _ | _ | _ |
| L | 73 | L | _ | _ | | | | | <u></u> | |
| 1 | 74 | | 1 | | I | 1 | | - | | |
| | 75 | | | | | | | | | |
| | 76 | | _ | | \vdash | 1 | ┢ | - | \vdash | 1 |
| — | 77 | ┼ | ╌ | ╁ | ⊢ | \vdash | ┢ | \vdash | \vdash | ⊢ |
| | 1 4 | | ├ | ├ | ├ | ⊢ | | - | _ | _ |
| | /8 | _ | _ | ᆫ | 1_ | <u></u> | _ | <u> </u> | | L_ |
| | 79 | <u></u> | L_ | <u> </u> | i | _ | _ | 1. | | |
| | 80 | П | 1 | Г | Γ. | П | Г | | | Г |
| 2 | 81 | | T | 1 | Γ- | Т | <u> </u> | \vdash | Т | \vdash |
| 3 | 81 82 | \vdash | ┥ | \vdash | Η- | \vdash | - | - | | - |
| 1 | 02 | ├- | H | | | ⊢- | \vdash | ├- | ├- | ├ |
| 4 | 63 | <u> </u> | Н | L | _ | L | ! | <u> </u> | <u> </u> | <u> </u> |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 | 83 84 85 86 | <u></u> | Ц | L | L | L | 乚 | | L | L |
| 6 | 85 | L | \prod | | | | _ | Γ | I | <u> </u> |
| 7 | 86 | | П | | | | <u> </u> | | | |
| 0 | 87 | Т | H | Ι | - | | t | - | Ι | _ |
| - | 88 | - | ┼╂- | ├- | ⊢ | \vdash | - | - | \vdash | - |
| 1 | 00 | | ₩ | ├- | ⊢ | ⊢ | ⊢ | - | _ | <u> </u> |
| 10 | 89 | <u> </u> | Щ | _ | 匚 | 匚 | <u></u> | $oxed{oxed}$ | | _ |
| 11 | 90 | L_ | $\prod_{i=1}^{n}$ | | | L | | | | |
| 12 | 91 | | П | | | | | | | |
| 13 | 92 | \vdash | \sqcap | | \vdash | | _ | | П | _ |
| 12. | | \vdash | + | ⊢ | \vdash | \vdash | Η- | - | - | \vdash |
| 14 | 93 | \vdash | H | ⊢ | <u> </u> | ٠. | | | \vdash | \vdash |
| 15 | 94 | | Ц | | <u> </u> | Ш | L | <u> </u> | | |
| 16 | 95 | | Ш: | | | | | | | |
| 16 | 96 | | T | | | | | | | П |
| 18 | 97 | $\overline{}$ | \sqcap | _ | Н | | Η- | | Н | Н |
| 19 | | - | + | \vdash | | | \vdash | <u> </u> | H | - |
| | 98 | - | ┝╫ | Щ | | Ι | Ь_ | Ш | Щ | Щ |
| 20 | 99 | L., | Щ | Щ | <u> </u> | _ | L_ | Ш | ليا | Ш |
| 21 | 100 | | Ħ | | | | |] | [] | |

| | ı | Ц | L | | | | | | J | |
|--|--|--|----------|--|------------|--|----------|--|--------------|-----------------|
| Cla | aim | Date ' | | | | | | | | |
| Final | Original | | 30-0-5 | | | | | | | |
| 22 | 101 | ┢ | = | + | ╁╴ | ┢╾ | - | ┢ | - | H |
| 21 | 101 102 | \vdash | ī | 1 | - | Н | \vdash | \vdash | Т | М |
| 24 25 26 27 28 29 30 31 32 | 103 | 1 | H | ✝ | ┢ | Т | Т | Г | _ | М |
| 25 | 104 105 | _ | 1 | 1 | ⇈ | Т | ऻ | | | П |
| 26 | 105 | Т | П | T | T | | | | Т | П |
| 27 | 106 | | П | | | П | Г | П | Г | |
| 28 | 107 | | П | 1 | | | | | | |
| 29 | 108 109 | | П | | | L | | | | |
| 30 | 109 | | Ц | | L | L | | L | 匚 | Ш |
| 21 | 110 111 | _ | 1 | ↓_ | L. | L | | L | L | Ш |
| 32 | 111 | <u></u> | 5 | 1_ | L | L | L | _ | _ | Ш |
| | 112 | _ | _ | 1 | - | ! | <u> </u> | L | <u> </u> | Ш |
| 33 | 113 | ! | Ξ | 1 | \vdash | <u> </u> | | <u> </u> | — | Ш |
| 17.4 | 114 | | H | +- | \vdash | | - | - | <u> </u> | $\vdash \vdash$ |
| 155 | 115 | ⊢ | H | + | ⊢ | - | \vdash | \vdash | ⊢ | Н |
| 33 34 35 36 37 38 39 40 41 42 44 | 112 113 114 115 116 117 | - | ₩ | + | ├ | - | ⊢ | - | - | \vdash |
| 56 | 118 | - | H | ╀ | ┢ | ├ | | | <u> </u> | \vdash |
| 30 | 110 | ├─ | Н | ╁ | ┢ | ├─ | ├- | ┝ | - | Н |
| 110 | 120 | - | Н | ╁╾ | ┢ | ┢ | \vdash | ╁ | ┢ | Н |
| 40 | 121 | ├ | Н | ╁ | ╁╴ | ┼─ | ┢ | - | ┢ | Н |
| 42 | 122 | 一 | Н | + | | - | - | | | - |
| 1.2 | 123 | | Н | 1 | H | | | | | |
| 44 | 124 | | П | 1 | T | Г | | | \vdash | 1 |
| 45 | 125 | | П | Τ | | Г | | | | |
| 46 | 126 | | П | | | | | | | |
| 47 | 127 | | Ц | \Box | | | | | | |
| 449 49 55 | 119 120 121 122 123 124 125 126 127 128 129 130 | L | Ц | 丄 | L | L | L_ | <u> </u> | L | Ш |
| 49 | 129 | _ | Ц | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | <u> </u> | L | | L | |
| 50 | 130 | | 1 | 1 | _ | | _ | _ | _ | Ш |
| 51 | 131 | _ | Ξ | 1 | | | <u> </u> | <u> </u> | ⊢ | Н |
| | 132 133 | | L | ╀ | ┝ | | | - | ⊢ | \vdash |
| | 133 | ┝ | ⊢ | ╀ | ┢╾ | | - | - | - | |
| | 134 135 | ┝ | - | ╫ | ╁ | ⊢ | ├ | ⊢ | ⊢ | Н |
| - | 136 | | \vdash | +- | - | ├ | - | - | \vdash | \vdash |
| - | 137 | | \vdash | ╁╌ | + | \vdash | \vdash | \vdash | \vdash | Н |
| - | 138. | \vdash | | T | T | _ | \vdash | | T | Н |
| \vdash | 139 | \vdash | | 1 | T | | ┌ | | Γ | Н |
| | 139 140 | | | | | | | | | |
| | 141 | | | | | | | | | |
| | 142 | | | | | | | | | |
| | 143 | | Ĺ | | Ĺ | \Box | Ĺ | Ĺ | L | |
| | 144 | | L | <u> </u> | L | _ | L_ | L | | |
| \square | 145 | Щ | L | <u>Ļ</u> . | <u>L</u> | <u> </u> | <u> </u> | _ | L | Ш |
| \sqcup | 146 | | _ | ↓_ | <u> </u> | | <u> </u> | _ | L | |
| | 147 | | _ | ↓ | <u> </u> | _ | <u> </u> | L_ | L | Щ |
| \vdash | 148 | | _ | ↓_ | <u> </u> | - | Ь, | <u> </u> | <u> </u> | $\vdash \dashv$ |
| \vdash | 149 | Щ | | \vdash | <u> </u> | - | <u> </u> | <u> </u> | | $\vdash \dashv$ |
| \Box | 150 | | | | L | L | لــــا | نيـــا | لسا | |